

LEMON et al.

1W 1648

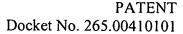
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

)

Group Art Unit: 1648

Serial No.: 1 Confirmation No.:	0/580,979 9290)))	Examiner:	Unknown			
Filed: 3	1 May 2006)	Docket No.	265.00410101			
For: F	For: REPLICATION COMPETENT HEPATITIS C VIRUS AND METHODS OF USE						
Commissioner for P.O. Box 1450	Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450						
We are transmitting	g the following docu	iments along with t	his Transmittal Shee	et (which is submitt	ed in triplicate):		
X An Inform	ed return postcard. nation Disclosure Stanents cited on the 14		pies of <u>0</u> application	ns; 1449 forms (<u>14</u>	pgs); and copies of		
Amendme	nt No Addition	onal fee is required.	The fee has	been calculated as	shown:		
	Fee Calc	ulation for Claims	Pending After Am	endment			
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required		
Total Claims				x \$50 =			
Independent Claims				x \$200 =			
One or	More New Multiple	Dependent Claims	Presented? If Yes,	Add \$360 Here →			
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Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed. CERTIFICATE UNDER 37 C.F.R. §1.8: The undersigned hereby certifies that this Transmittal Letter and the paper(s), as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this							
Customer Number: 26813 David L. Provence Reg. No.: 43,022 Direct Dial: 612-305-1005 Facsimile: 612-305-1228							

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	LEMON et al.)	Group Art Unit:	1648
Serial No.: Confirmation	10/580,979 No.: 9290))	Examiner:	Unknown
Filed:	31 May 2006)		
For:	REPLICATION COMPETED USE	NT HEF	PATITIS C VIRUS AN	D METHODS OF

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Pursuant to MPEP § 609, the information cited in the present Information Disclosure Statement shall not be construed to be an admission that the information is, or is considered to be, material to patentability. Consideration of each of the documents listed on the attached 1449 form(s) is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Applicants also wish to bring the Examiner's attention to any pending U.S. Application cited in the 1449 form(s) submitted herewith, as well as any documents, Office Actions that may include rejections of similar claims, and any provisional U.S. patent applications referenced in the pending U.S. applications or in their file wrappers.

Applicant(s): LEMON et al. Serial No.: 10/580,979 Confirmation No.: 9290 Filed: May 31, 2006

For: REPLICATION COMPETENT HEPATITIS C VIRUS AND METHODS OF USE

It is believed that no fee is due, as this Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Account No. 13-4895.

The Examiner is invited to contact Applicants' Representatives at the belowlisted telephone number, if they can be of any assistance during prosecution of the present application.

CERTIFICATE UNDER 37 C.F.R. 1.8:

David L. Provence

Date

Respectfully submitted

By

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FORMATION DISCLOSURE STATEMENT

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	Applicant(s): Lemon et al.	Confirmation. No.: 9290		
Ī	Application Filing Date: May 31, 2006	Group: 1648		
	Information Disclosure Statement mailed:	November 8 , 2006		

U.S. PATENT DOCUMENTS

Examiner Initial	Copies Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		5,766,906	06/16/98	Lemon et al.			
		5,846,767	12/08/98	Halpin et al.			
		5,912,167	06/15/99	Palmenberg et al.			
		6,127,116	10/03/00	Rice et al.			
		6,630,343	10/07/03	Bartenschlager			
		6,689,559	02/10/04	Wimmer et al.			
		6,921,634	07/26/05	Lemon et al.			
		6,930,095	08/16/05	Bichko			
		2002/0098202	07/25/02	Wimmer et al.			
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-		2003/0073080	04/17/03	Rice et al.			
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		60/525,989		Lemon et al.			12/01/03

FOREIGN PATENT DOCUMENTS

Examiner	Copies	Document Number	Date	Country	Class	Subclass	Trans	lation
Initial	Enclosed						Yes_	No
	X	WO 00/14263	03/16/00	PCT				
	X	WO 05/053516	06/16/05	PCT				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copies Enclosed	Document Description
		Ausubel et al., eds., Current Protocols in Molecular Biology, Vol. 1-4, John Wiley & Sons, U.S.; title page, publication page and table of contents only, 12 pgs. (1994).

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	X	Bartosch et al., "Infectious Hepatitis C Virus Pseudo-particles Containing Functional E1-E2 Envelope Protein Complexes," <i>J Exp Med</i> , 3 March 2003;197(5):633-642.
	X	Beard et al., "An Infectious Molecular Clone of a Japanese Genotype 1b Hepatitis C Virus," <i>Hepatology</i> , 1999 July; 30(1):316-324.
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conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION	Atty. Docket No.: 265.00410101	Serial No.: 10/580,979	
DISCLOSURE STATEMENT	Applicant(s): Lemon et al.	Confirmation. No.: 9290	
STATEMENT	Application Filing Date: May 31, 2006	Group: 1648	
	Information Disclosure Statement mailed:	November $\underline{\mathscr{S}}$, 2006	

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	Х	Cai et al., "Robust Production of Infectious Hepatitis C Virus (HCV) from Stably HCV cDNA-Transfected Human Hepatoma Cells," <i>Journal of Virology</i> , 2005 November, 79(22):13963-13973.
	Х	Choo et al., "Genetic Organization and Diversity of the Hepatitis C Virus," <i>Proc. Natl. Acad. Sci. USA</i> , 1991 March; 88(6):2451-2455.
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STATEMENT	Application Filing Date: May 31, 2006	Group: 1648
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	Х	Gale et al., "Repression of the PKR Protein Kinase by the Hepatitis C Virus NS5A Protein: a Potential Mechanism of Interferon Resistance," <i>Clin. Diagn. Virol.</i> , 1998 July; 10(2-3):157-162.	
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	X	Grobler et al., "Identification of a Key Determinant of Hepatitis C Virus Cell Culture Adaptation in Domain II of NS3 Helicase," <i>J. Biol. Chem.</i> , 9 May 2003; 278(19):16741-16746.	
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	Х	Guo et al., "Effect of Alpha Interferon on the Hepatitis C Virus Replicon," <i>J. Virol.</i> , September 2001; 75(18):8516-8523.	

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INFORMATION
DISCLOSURE
STATEMENT
Applicant(s): Lemon et al.
Application Filing Date: May 31, 2006
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Examiner Initial	Copies Enclosed	Document Description
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Examiner Initial	Copies Enclosed	Document Description	
	X	Lanford et al., "Anti-viral Effect and Virus-Host Interactions in Response to Alpha Interferon, Gamma Interferon, Poly(I)-Poly(C), Tumor Necrosis Factor Alpha, and Ribavirin in Hepatitis C Virus Subgenomic Replicons," <i>J. Virol.</i> , 2003 January., 77(2):1092-1104.	
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	X	Li et al., "Cellular response to conditional expression of Hepatitis C virus core protein in Huh7 cultured human hepatoma cells," <i>Hepatology</i> , May 2002;35(5): 1237-1246.	
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-	X	Naryshikin et al., "RNA Recognition and Regulation of HIV-1 Gene Expression by Viral Factor Tat," <i>Biochemistry</i> , 1998;63(5): 489-503.
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	Х	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, Bethesda, MD, GenBank Locus No. AF011751, Accession No. AF011751, "Hepatitis C virus strain H77 pCV-H77C polyprotein gene, complete cds," [online]. Retrieved from the Internet on April 26, 2001: <url:http: entrez="" query.fcgi?cmd="Retrieve&db=Nucleotide&list_uids=2327070&dopt=GenBank" www.ncbi.nlm.nih.gov="">, 7 pages.</url:http:>

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	х	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, Bethesda, MD, GenBank Locus No. AF033819, Accession No. AF033819, "HIV-1, complete genome," [online]. Retrieved from the Internet on April 17, 2001: <url: entrez="" http:="" query.fcgi?cmd="Retrieve&db=Nucleotide&list_uids=4558520&dopt=GenBank" www.ncbi.nlm.nih.gov="">, 9 pages.</url:>
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Atty. Docket No.: 265.00410101	Serial No.: 10/580,979	
Applicant(s): Lemon et al.	Confirmation. No.: 9290	
Application Filing Date: May 31, 2006	Group: 1648	
Information Disclosure Statement mailed:	November 8, 2006	

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